

Appl. No. : 10/678,853
Filed : October 03, 2003

LIST OF CLAIMS

1 (previously presented): A process for generating power comprising:

a first step of generating power from a fuel cell comprising a fuel electrode, an air electrode and an electrolyte membrane sandwiched therebetween wherein the fuel electrode is made of an alloy comprising platinum and a fuel is a liquid comprising a secondary alcohol, by directly feeding the fuel to the fuel electrode;

a second step of contacting the air electrode in the fuel cell with an oxidizable material and applying a current from an external electric source between the fuel electrode as negative and the air electrode as positive in the direction opposite to the first step, after the first step; and

a third step of generating power from the fuel cell after the second step.

2 (original): The process as claimed in Claim 1, wherein the fuel electrode is made of an alloy of platinum and at least one metal selected from the group consisting of ruthenium, tin, tungsten, copper, gold, manganese and vanadium.

3 (original): The process as claimed in Claim 1, wherein the fuel electrode is made of an alloy of platinum and at least one metal selected from the group consisting of ruthenium, tin and tungsten.

4 (original): The process as claimed in Claim 1, wherein the fuel electrode is made of an alloy comprising platinum and ruthenium.

5 (original): The process as claimed in Claim 1, wherein an atomic composition ratio of platinum to the other elements in the alloy is 90/10 to 10/90.

6 (original): The process as claimed in Claim 1, wherein the oxidizable material is water or hydrogen.

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7 (original): The process as claimed in Claim 1, further comprising a step of repeating the second step and the third step.

8-17 (canceled)